

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims.

1-22. (canceled)

~~23.~~ (Previously presented) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:

(a) a polynucleotide encoding amino acid residues 1 to 215 of SEQ ID NO:7;
and

(b) a polynucleotide comprising nucleotides 1 to 706 of SEQ ID NO:4.

~~24.~~ (Previously presented) The isolated nucleic acid molecule of claim ~~23~~,
wherein said polynucleotide is (a).

~~25.~~ (Previously presented) The isolated nucleic acid molecule of claim ~~23~~,
wherein said polynucleotide is (b).

~~26.~~ (Previously presented) The isolated nucleic acid molecule of claim ~~23~~,
wherein the polynucleotide further comprises a heterologous polynucleotide.

~~27.~~ (Previously presented) The isolated nucleic acid molecule of claim ~~26~~,
wherein said heterologous polynucleotide encodes a heterologous polypeptide.

~~28.~~ (Previously presented) A vector comprising the isolated nucleic acid
molecule of claim 23.

~~29.~~ (Previously presented) The vector of claim 28 wherein the nucleic acid
molecule is operably associated with a heterologous regulatory sequence that controls gene
expression.

~~30.~~ (Previously presented) A recombinant host cell comprising the isolated
nucleic acid molecule of claim ~~23~~.

~~31.~~ (Previously presented) The recombinant host cell of claim ~~30~~ wherein the
nucleic acid molecule is operably associated with a heterologous regulatory sequence that
controls gene expression.

~~32.~~ (Previously presented) A method for producing a polypeptide, comprising:
(a) culturing the recombinant host cell of claim ~~30~~ under conditions suitable
to produce the polypeptide encoded by said polynucleotide; and

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32. (Previously presented) recovering the polypeptide from the cell culture.
- An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:
- (a) a polynucleotide encoding the amino acid sequence of the full-length polypeptide encoded by the cDNA clone contained in plasmid HMCIS41 in ATCC Deposit No. 203843; and
- (b) a polynucleotide comprising the cDNA clone contained in plasmid HMCIS41 in ATCC Deposit No. 203843.
- 12/34. (Previously presented) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide is (a).
- 13/35. (Previously presented) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide is (b).
- 14/36. (Previously presented) The isolated nucleic acid molecule of claim 33 wherein the polynucleotide further comprises a heterologous polynucleotide.
- 15/37. (Previously presented) The isolated nucleic acid molecule of claim 36 wherein said heterologous polynucleotide encodes a heterologous polypeptide.
- 16/38. (Previously presented) A vector comprising the isolated nucleic acid molecule of claim 33.
- 17/39. (Previously presented) The vector of claim 38 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.
- 18/40. (Previously presented) A recombinant host cell comprising the isolated nucleic acid molecule of claim 33.
- 19/41. (Previously presented) The recombinant host cell of claim 40 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.
- 20/42. (Previously presented) A method for producing a polypeptide, comprising:
- (a) culturing the recombinant host cell of claim 40 under conditions suitable to produce the polypeptide encoded by said polynucleotide; and
- (b) recovering the polypeptide from the cell culture.